

AES VIS HT[†]

HIGH-TEMPERATURE ORGANOPHILIC CLAY

BENEFITS

- Improves suspension properties and hole cleaning in high temperature wells.
- Readily yields in oil- or synthetic-based drilling fluids.

APPLICATIONS

- High temperatures wells up to and exceeding 375°F bottomhole temperatures.
- 0.25 - 0.5 lb/bbl (typical) increments as bottomhole temperatures exceed 300°F.
- Add with AES VIS III and AES VIS LS for optimal rheology.
- Pilot testing aids to determine the appropriate concentration for a specific scenario.

PROPERTIES

- Appearance: Light tan powder
- Specific Gravity: 1.7

TREATMENT RECOMMENDATIONS

Begin additions of AES VIS HT through the mixing hopper as bottomhole temperatures exceed 300°F in increments of 0.25 - 0.5 lb/bbl. AES VIS HT yields with high temperature and shear. Allow sufficient shear and circulating time to measure the impact on fluid properties. Continue additions of AES VIS III and AES VIS LS, if necessary. As downhole temperatures approach 375°F, additions of AES VIS 450 are recommended.

Pilot testing is recommended to determine the appropriate concentration for a specific scenario.

PACKAGING AND HANDLING

AES VIS HT is available in 50 lb sacks. Handle AES VIS HT as an industrial chemical, wearing protective equipment and observing precautions as described in the Safety Data Sheet (SDS).



AES VIS HT
organophilic
clay





AES DRILLING FLUIDS

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